



## Preface

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This preface describes who should read the *Cisco Wide Area Application Services Command Reference*, how it is organized, and its document conventions. It contains the following sections:

- [Audience, page 21](#)
- [Document Organization, page 21](#)
- [Document Conventions, page 22](#)
- [Related Documentation, page 23](#)
- [Obtaining Documentation and Submitting a Service Request, page 24](#)

## Audience

This command reference is intended for administrators who want to use the command-line interface (CLI) of the Wide Area Application Services (WAAS) software to configure, manage, and monitor WAAS devices on a per-device basis. This guide assumes that the WAAS device is running the WAAS software. The guide provides descriptions and syntax of the WAAS CLI command.

## Document Organization

This command reference includes the following chapters:

Chapter	Description
<a href="#">Chapter 1, “Using the WAAS Command-Line Interface”</a>	Describes how to use the command-line interface.
<a href="#">Chapter 2, “Cisco WAAS Software Command Summary”</a>	Lists WAAS software commands, providing a brief description of each.

Chapter	Description
<a href="#">Chapter 3, “CLI Commands”</a>	<p>Provides detailed information for the following types of CLI commands for the WAAS software:</p> <ul style="list-style-type: none"> <li>• Commands you can enter after you log in to the WAAS device (EXEC mode).</li> <li>• Configuration mode commands that you can enter after you log in to the WAAS device, and then access configuration mode and its subset of modes.</li> </ul> <p>The description of each command includes the syntax of the command and any related commands, when appropriate.</p>
<a href="#">Appendix A, “Acronyms and Abbreviations”</a>	Defines the acronyms used in this publication.
<a href="#">CLI COMMAND SUMMARY BY MODE</a>	Lists each command by command mode.

## Document Conventions

This command reference uses these basic conventions to represent text and table information:

Convention	Description
<b>boldface font</b>	Commands, keywords, and button names are in <b>boldface</b> .
<i>italic font</i>	Variables for which you supply values are in <i>italics</i> . Directory names and filenames are also in italics.
screen font	Terminal sessions and information the system displays are printed in screen font.
<b>boldface screen font</b>	Information you must enter is in <b>boldface screen font</b> .
<i>italic screen font</i>	Variables you enter are printed in <i>italic screen font</i> .
plain font	Enter one of a range of options as listed in the syntax description.
<b>^D</b> or <b>Ctrl-D</b>	Hold the <b>Ctrl</b> key while you press the <b>D</b> key.
string	<p>Defined as a nonquoted set of characters.</p> <p>For example, when setting a community string for SNMP to “public,” do not use quotation marks around the string, or the string will include the quotation marks.</p>
Vertical bars (   )	Vertical bars separate alternative, mutually exclusive, elements.
{ }	Elements in braces are required elements.
[ ]	Elements in square brackets are optional.
{ <b>x</b>   <b>y</b>   <b>z</b> }	Required keywords are grouped in braces and separated by vertical bars.
[ <b>x</b>   <b>y</b>   <b>z</b> ]	Optional keywords are grouped in brackets and separated by vertical bars.
[ { } ]	Braces within square brackets indicate a required choice within an optional element.

**Note**

Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in the manual.

**Caution**

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

## Related Documentation

For additional information on the Cisco WAAS software and hardware, see the following documentation:

- [Release Note for Cisco Wide Area Application Services](#)
- [Cisco Wide Area Application Services Upgrade Guide](#)
- [Cisco Wide Area Application Services Command Reference](#) (this manual)
- [Cisco Wide Area Application Services Quick Configuration Guide](#)
- [Cisco Wide Area Application Services Configuration Guide](#)
- [Cisco Wide Area Application Services API Reference](#)
- [Cisco WAAS Troubleshooting Guide for Release 4.1.3 and Later](#)
- [Cisco Wide Area Application Services Monitoring Guide](#)
- [Cisco Wide Area Application Services vWAAS Installation and Configuration Guide](#)
- [Cisco WAAS Installation and Configuration Guide for Windows on a Virtual Blade](#)
- [Cisco WAAS on Service Modules for Cisco Access Routers](#)
- [Cisco SRE Service Module Configuration and Installation Guide](#)
- [Configuring Cisco WAAS Network Modules for Cisco Access Routers](#)
- [WAAS Enhanced Network Modules](#)
- [Regulatory Compliance and Safety Information for the Cisco Wide Area Virtualization Engines](#)
- [Cisco Wide Area Virtualization Engine 294 Hardware Installation Guide](#)
- [Cisco Wide Area Virtualization Engine 594 and 694 Hardware Installation Guide](#)
- [Cisco Wide Area Virtualization Engine 7541, 7571, and 8541 Hardware Installation Guide](#)
- [Cisco Wide Area Virtualization Engine 274 and 474 Hardware Installation Guide](#)
- [Cisco Wide Area Virtualization Engine 574 Hardware Installation Guide](#)
- [Regulatory Compliance and Safety Information for the Cisco Content Networking Product Series](#)
- [Cisco Wide Area Application Engine 7341, 7371, and 674 Hardware Installation Guide](#)
- [Installing the Cisco WAE Inline Network Adapter](#)

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## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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